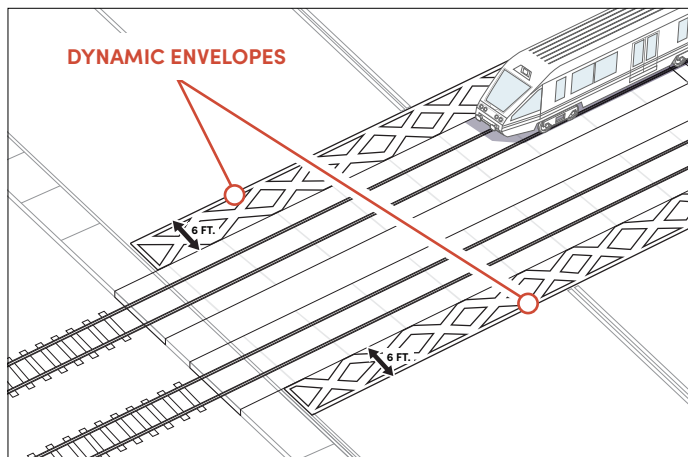


Announced in December 2019 by the Florida Department of Transportation (FDOT) Secretary Kevin J. Thibault, P.E., Operation S.T.R.I.D.E. is a call-to-action for statewide rail safety through the incorporation of an engineering countermeasure known as “dynamic envelopes” and rail safety education. Dynamic envelopes will be installed at every existing FDOT roadway and state-owned land-rail crossing throughout the state.

## ABOUT DYNAMIC ENVELOPES

A dynamic envelope is known as the area near railroad crossings designed to keep motorists out of the danger zone. White roadway markings in the shape of connecting X's found within dynamic envelopes are used to visually highlight stopping distances at railroad crossings to increase safety for motorists. These markings indicate the clearance needed for trains to safely pass, as any object within the dynamic envelope has the potential to be struck when the train passes through.

As shown in the illustration to the right, the distance between outer rail and where the pavement marking ends will be six feet unless otherwise advised by the operating agency. The total distance for the dynamic envelope area will be, at a minimum, 10 feet on either side of the railroad.



## WHY THIS IS IMPORTANT

Dynamic envelopes are intended to signal pedestrians, bicyclists, and motorists to use caution when around trains and train tracks. The clearly marked “No Stop” areas are designed to:

-   
**Positively influence driver behavior**
-   
**Reduce the number of vehicles entering the crossings and stopping too close or on the tracks**
-   
**Decrease the number of incidents and injuries at rail crossings**

## BE ALERT & DON'T GET HURT

To positively influence behavior and reduce the number of incidents and injuries sustained at rail crossings, FDOT advises all to observe the following safety tips:



### PEDESTRIANS

- Only cross at designated rail crossings.
- Use caution around trains and train tracks.
- Remove headphones and look up from mobile devices.
- Trains can happen at any time.
- Do not walk along train tracks.
- Trains can't stop quickly.
- Red lights mean a train is on its way. Do not cross for any reason.
- Never take photos on or near train tracks.



### BICYCLISTS

- Only cross at designated rail crossings.
- Use caution around trains and train tracks.
- Remove headphones and look up from mobile devices.
- Allow for extra time to cross tracks with a bicycle.
- Cross at a 90-degree angle.
- If possible, walk your bike across the tracks.



### MOTORISTS

- Only cross at designated rail crossings.
- Trains move fast and cannot stop quickly.
- Do not drive around lowered gates.
- Never stop a vehicle on train tracks.
- When a train is approaching, the vehicle should always be stopped at the stop bar outside of the dynamic envelope.

## TIMELINE FOR IMPLEMENTATION

The Florida Department of Transportation has already begun to place dynamic envelopes at railroad crossings around the state. The intent is to complete more than 4,000 crossings by March 2022. The estimated cost is nearly \$60 million.



### KEEP IN MIND

Trains can come at all times. Trains move fast and cannot stop quickly. Use extreme caution when nearing a railroad crossing.

**Slow down, keep clear of tracks, and stay ALERT.**

### DISTRICT COORDINATOR

